

Abstract of the Disclosure

An improved electrical connection between an inert anode and a conductor rod is disclosed. The conductor rod has a smaller diameter than a hole in the anode such that a gap is provided between the conductor rod and the anode. The gap is filled with an electrically conductive particulate material, such as Cu, Ni and/or Ag. The particulate conductor material is at least partially sintered before or during operation of the anode. To ensure a good connection between the conductor rod and the anode, the particle size distribution of the particulate connector material may be controlled.